

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000117

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C12N15/10 C12P1/00 C07B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C12N C12P C07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/103008 A (GOUILAEV ALEX HAAHR ; NOERREGAARD-MADSEN MADS (DK); SLOEK FRANK ABILGA) 27 December 2002 (2002-12-27)	1-31, 34-43, 46, 48-66, 69-75
Y	the whole document	32, 33, 44, 45, 47, 67, 68
X	WO 02/074929 A (KANAN MATTEW W; GARTNER ZEV J ; LIU DAVID R (US); HARVARD COLLEGE (US)) 26 September 2002 (2002-09-26)	1-30, 34-43, 47-66, 69, 72-75
Y	page 1 - page 81; claims 1-46; figures 1, 3, 5, 11	31-33, 44-46, 67, 68, 70, 71
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

19/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GARTNER Z J ET AL: "Multistep small-molecule synthesis programmed by DNA templates" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 124, no. 35, 4 September 2002 (2002-09-04), pages 10304-10306, XP002265219 ISSN: 0002-7863 the whole document	1-75
X	WO 00/23458 A (UNIV LELAND STANFORD JUNIOR) 27 April 2000 (2000-04-27) the whole document	1-75
Y	WO 93/20242 A (BRENNER SYDNEY ; SCRIPPS RESEARCH INST (US); JANDA KIM (US); LERNER RI) 14 October 1993 (1993-10-14) the whole document	1-75
Y	CALDERONE C T ET AL: "Directing otherwise incompatible reactions in a single solution by using DNA-templated organic synthesis" ANGEWANDTE CHEMIE, VCH VERLAGSGESELLSCHAFT, WEINHEIM, DE, vol. 41, no. 21, November 2002 (2002-11), pages 4104-4108, XP002282854 ISSN: 0044-8249 the whole document	1-75
Y	SUMMERER D ET AL: "DNA-templated synthesis: more versatile than expected" ANGEWANDTE CHEMIE, WILEY-VCH, WEINHEIM, DE, vol. 41, no. 1, 4 January 2002 (2002-01-04), pages 89-90, XP002265218 ISSN: 1433-7851 the whole document	1-75
P,X	WO 2004/013070 A (NUEVOLUTION AS ; PEDERSEN HENRIK (DK)) 12 February 2004 (2004-02-12) the whole document	1-75

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000117

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02103008	A	27-12-2002	CA 2451524 A1	27-12-2002
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			WO 02074929 A2	26-09-2002
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			AT 193561 T	15-06-2000
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			CA 2132103 A1	14-10-1993
			DE 69328781 D1	06-07-2000
			DE 69328781 T2	26-04-2001
			DK 643778 T3	07-08-2000
			EP 0643778 A1	22-03-1995
			ES 2147197 T3	01-09-2000
			JP 7505530 T	22-06-1995
			US 6060596 A	09-05-2000
			WO 9320242 A1	14-10-1993
			US 5723598 A	03-03-1998
WO 2004013070	A	12-02-2004	WO 2004013070 A2	12-02-2004

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/DK2004/000117

## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material

☐

a sequence listing

☒

table(s) related to the sequence listing

b. format of material

☐

in written format

☐

in computer readable form

c. time of filing/furnishing

☒

contained in the international application as filed

☐

filed together with the international application in computer readable form

☐

furnished subsequently to this Authority for the purpose of search

2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments: